Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: LUMARK

Report Number: P1449796

Luminaire Tested: **AXCS5A-GRF-W**

Issue Date: 5/12/2026

Report Generated By 670246072

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1449796
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1901-095-1)
Test Lab:	INNOVATION CENTER
Issue Date:	5/12/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	LUMARK
Catalog Number:	AXCS5A-GRF-W
Description:	5A AXCENT LED FULL CUTOFF WALLPACK WITH 3000K 80CRI LEDS AND GLARE REDUCTING LENS
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5163 lumens
Efficiency:	N/A
Efficacy:	115.8 lumens/watt
Luminous Opening:	Rectangular (W 0.17' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G1

Input Watts (W):	44.6
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	25 FT

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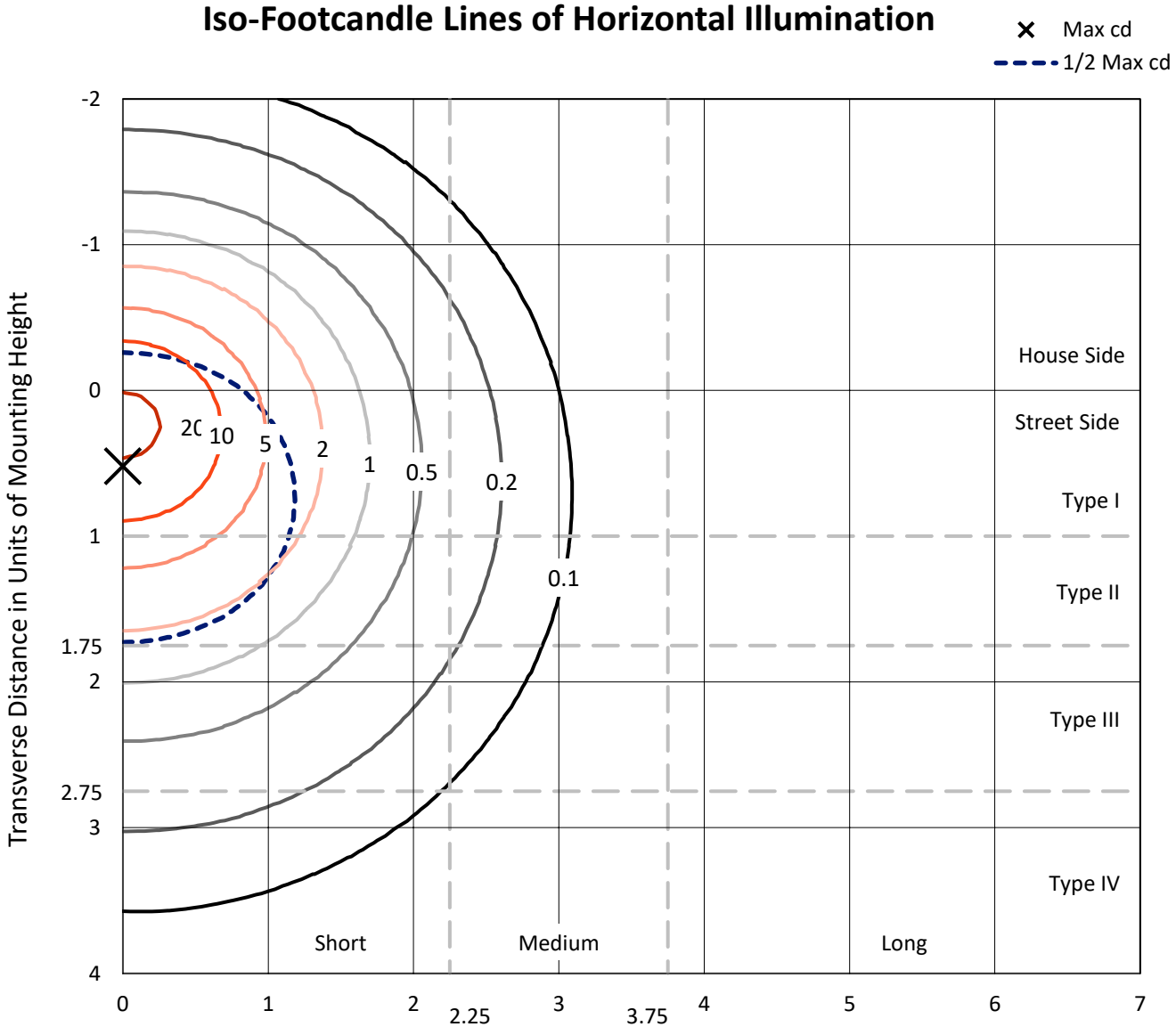
REPORT NUMBER: P1449796
CATALOG NUMBER: AXCS5A-GRF-W

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 22.9 fc
Type II - Short - N/A

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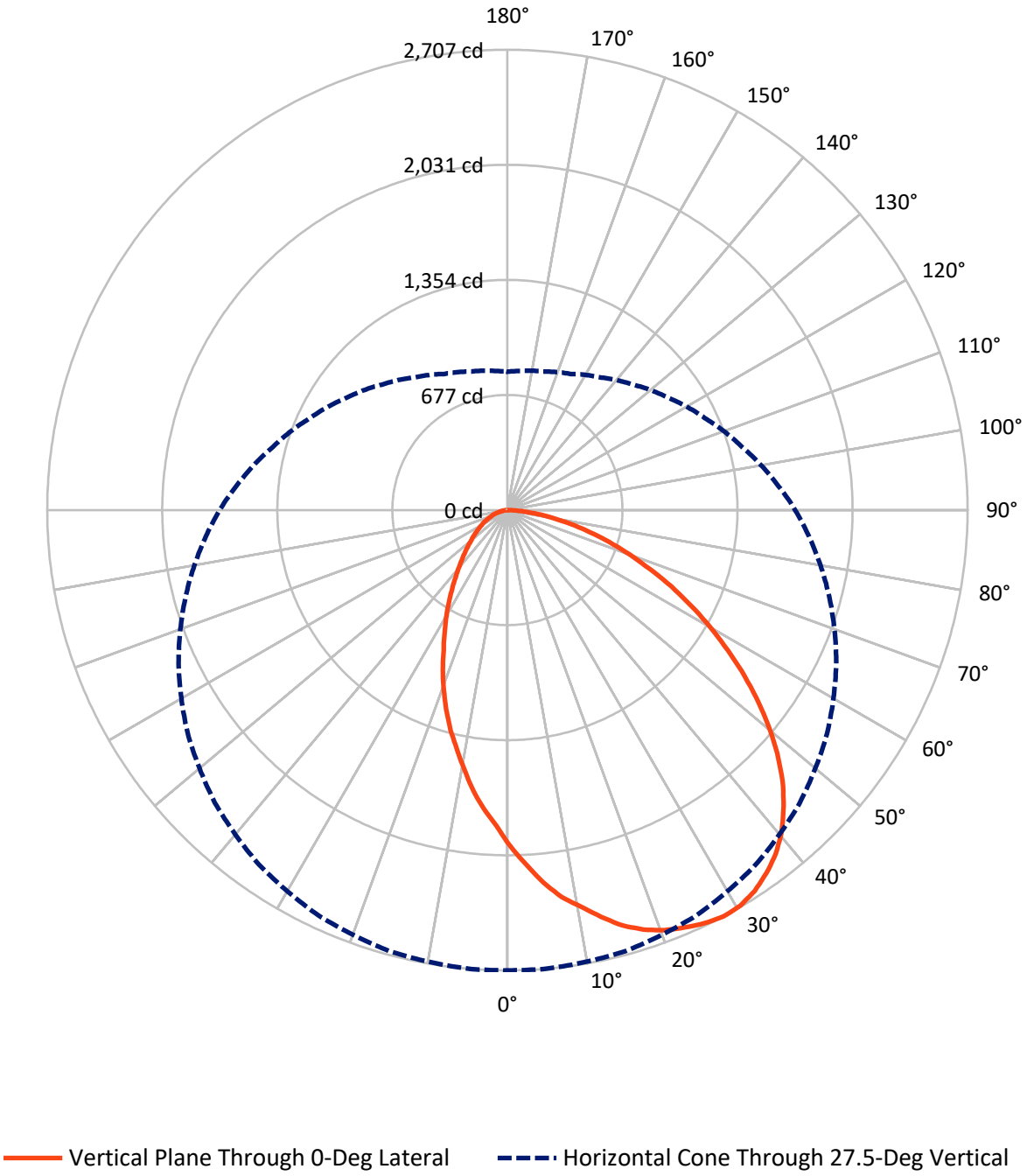
Luminous Intensity Polar Plot



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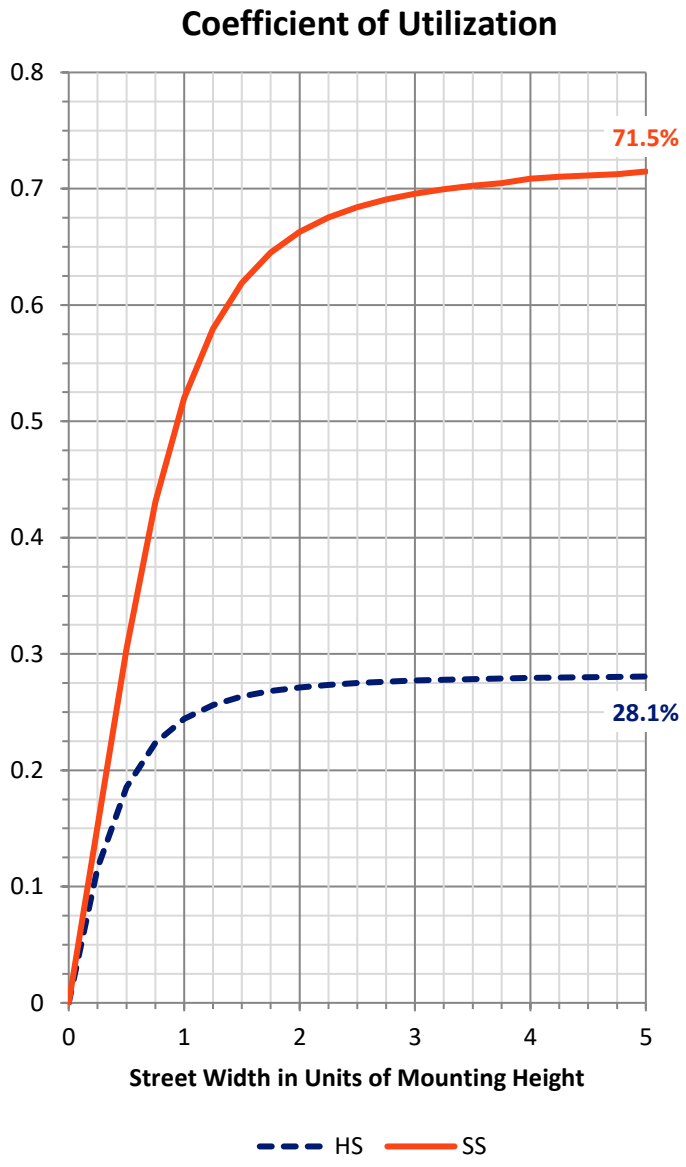
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1460.8	0.0	1460.8
	% Fixture	28.3	0.0	28.3
Street Side	Lumens	3702.2	0.0	3702.2
	% Fixture	71.7	0.0	71.7
Total	Lumens	5163.0	0.0	5163.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	187.6	3.6
10°-20°	541.0	10.5
20°-30°	818.2	15.8
30°-40°	970.2	18.8
40°-50°	963.3	18.7
50°-60°	800.9	15.5
60°-70°	547.5	10.6
70°-80°	276.7	5.4
80°-90°	57.6	1.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5163.0	100.0
0°-180°	5163.0	100.0



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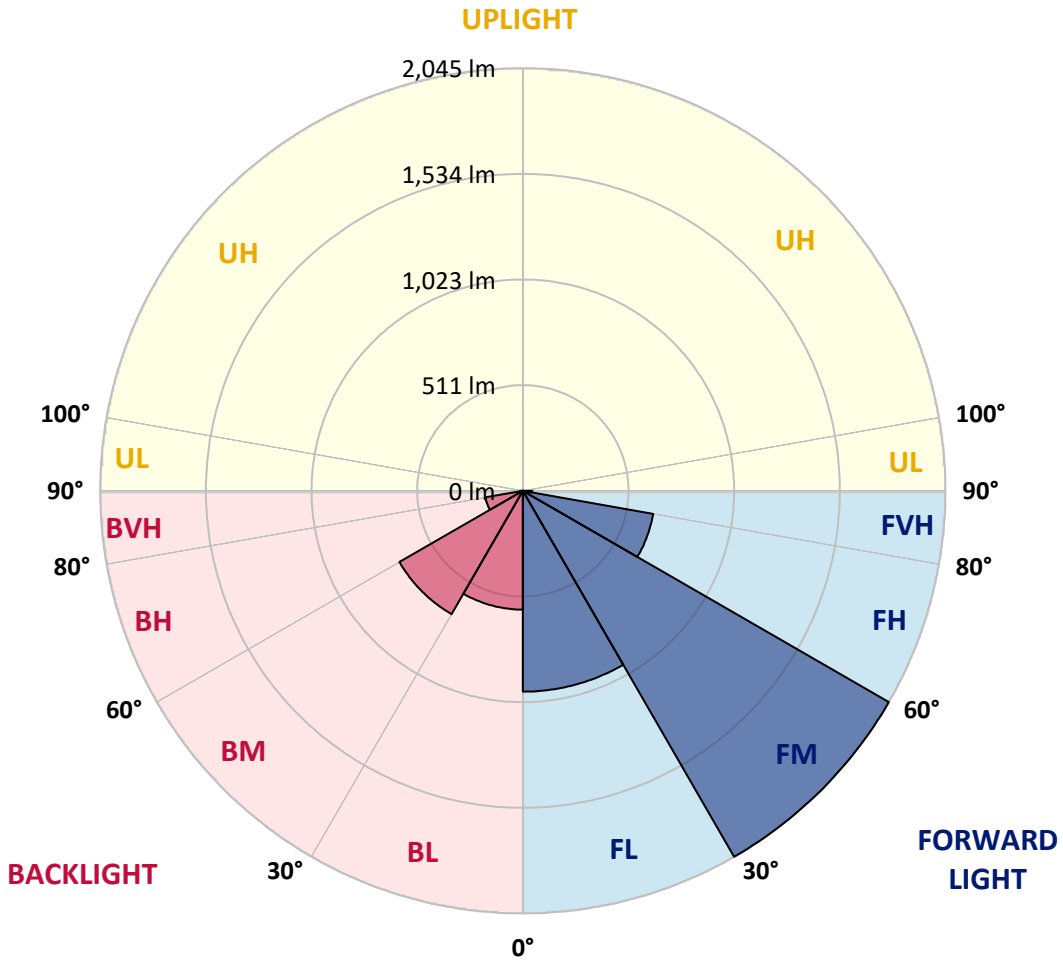
REPORT NUMBER: P1449796
CATALOG NUMBER: AXCS5A-GRF-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	971.8	18.8			
FM	(30°-60°)	2045.1	39.6			
FH	(60°-80°)	640.5	12.4			G0/660
FVH	(80°-90°)	44.8	0.9			G1/100
BL	(0°-30°)	574.9	11.1	B2/1000		
BM	(30°-60°)	689.3	13.4	B1/1000		
BH	(60°-80°)	183.7	3.6	B1/500		G1/500
BVH	(80°-90°)	12.8	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1
Type II Short



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Scaled Data Report

REPORT NUMBER: P1449796
CATALOG NUMBER: AXCS5A-GRF-W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	*1977.7*	1977.7	1977.7	1977.7	1977.7	1977.7	1977.7	1977.7	1977.7	1977.7	1977.7
2.5°	*2087.1*	2079.8	2068.9	2065.2	2054.3	2043.3	2032.4	2017.8	2003.2	1988.6	1977.7
5°	*2200.2*	2189.3	2174.7	2160.1	2145.5	2123.6	2094.4	2065.2	2032.4	1999.6	1981.3
7.5°	*2298.8*	2287.8	2269.6	2251.3	2222.1	2192.9	2149.2	2101.7	2050.6	2003.2	1974.0
10°	*2371.7*	2364.4	2346.2	2320.7	2284.2	2240.4	2185.6	2120.0	2054.3	1985.0	1952.1
12.5°	*2455.7*	2444.7	2426.5	2393.6	2346.2	2291.5	2222.1	2145.5	2061.6	1974.0	1930.2
15°	*2535.9*	2528.6	2506.7	2470.3	2419.2	2349.8	2265.9	2171.1	2068.9	1966.7	1912.0
17.5°	*2594.3*	2590.7	2572.4	2528.6	2470.3	2386.3	2291.5	2182.0	2065.2	1944.8	1882.8
20°	*2638.1*	2638.1	2616.2	2568.8	2499.4	2411.9	2302.4	2178.3	2047.0	1912.0	1839.0
22.5°	*2667.3*	2667.3	2645.4	2594.3	2517.7	2422.8	2302.4	2163.8	2017.8	1868.2	1787.9
25°	*2692.8*	2689.2	2670.9	2616.2	2535.9	2430.1	2302.4	2152.8	1992.3	1824.4	1740.5
27.5°	*2707.4*	*2707.4*	*2685.5*	*2630.8*	*2546.9*	*2433.8*	*2295.1*	*2134.6*	*1959.4*	*1780.6*	*1693.1*
30°	*2700.1*	2696.5	2674.6	2619.9	2532.3	2415.5	2265.9	2094.4	1912.0	1722.2	1631.0
32.5°	*2670.9*	2663.6	2641.7	2590.7	2499.4	2379.0	2225.8	2047.0	1857.3	1656.6	1558.0
35°	*2623.5*	2623.5	2598.0	2546.9	2459.3	2335.2	2171.1	1992.3	1791.6	1587.2	1488.7
37.5°	*2565.1*	2561.5	2535.9	2488.5	2400.9	2276.9	2112.7	1926.6	1722.2	1510.6	1415.7
40°	*2484.9*	2481.2	2455.7	2408.2	2320.7	2200.2	2036.0	1850.0	1642.0	1430.3	1331.8
42.5°	*2382.7*	2382.7	2357.1	2313.4	2229.4	2112.7	1952.1	1762.4	1558.0	1346.4	1251.5
45°	*2269.6*	2265.9	2240.4	2200.2	2120.0	2003.2	1850.0	1663.9	1463.2	1258.8	1164.0
47.5°	*2134.6*	2130.9	2109.0	2076.2	1999.6	1893.7	1740.5	1561.7	1364.7	1167.6	1076.4
50°	*1988.6*	1985.0	1963.1	1933.9	1864.5	1762.4	1616.4	1448.6	1262.5	1072.8	988.8
52.5°	*1831.7*	1831.7	1813.5	1784.3	1725.9	1623.7	1488.7	1331.8	1156.7	977.9	890.3
55°	*1671.2*	1671.2	1656.6	1631.0	1576.3	1488.7	1364.7	1215.1	1050.9	875.7	806.4
57.5°	*1507.0*	1507.0	1496.0	1474.1	1423.0	1342.8	1233.3	1094.6	941.4	791.8	726.1
60°	*1346.4*	1346.4	1335.5	1317.2	1273.4	1196.8	1094.6	977.9	835.6	700.6	642.2
62.5°	*1185.9*	1189.5	1178.6	1164.0	1127.5	1058.2	970.6	853.8	737.1	616.7	565.6
65°	*1032.6*	1036.3	1029.0	1010.7	981.5	915.9	839.2	748.0	642.2	536.4	492.6
67.5°	*875.7*	879.4	883.0	861.1	835.6	784.5	722.5	638.5	551.0	463.4	423.3
70°	*737.1*	740.7	740.7	726.1	704.2	660.4	602.1	536.4	463.4	386.8	357.6
72.5°	*602.1*	605.7	609.4	598.4	576.5	540.0	496.2	441.5	379.5	317.4	291.9
75°	*478.0*	485.3	481.6	470.7	456.1	426.9	394.1	346.6	299.2	251.8	229.9
77.5°	*361.2*	364.9	364.9	357.6	346.6	328.4	299.2	262.7	226.2	193.4	175.1
80°	*255.4*	255.4	259.1	255.4	244.5	226.2	208.0	186.1	160.5	138.7	124.1
82.5°	*160.5*	164.2	164.2	160.5	153.3	146.0	127.7	113.1	98.5	87.6	76.6
85°	*80.3*	83.9	83.9	80.3	80.3	73.0	65.7	54.7	47.4	43.8	36.5
87.5°	*25.5*	25.5	21.9	25.5	25.5	21.9	18.2	14.6	14.6	10.9	10.9
90°	*0.0*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report

REPORT NUMBER: P1449796
CATALOG NUMBER: AXCS5A-GRF-W

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1977.7	1977.7	1977.7	1977.7	1977.7	1977.7	1977.7	1977.7	1977.7	1977.7
2.5°	1966.7	1944.8	1926.6	1904.7	1890.1	1875.5	1868.2	1857.3	1857.3	1857.3
5°	1959.4	1922.9	1886.4	1850.0	1820.8	1795.2	1780.6	1766.0	1758.7	1762.4
7.5°	1941.2	1886.4	1835.4	1784.3	1744.1	1707.7	1682.1	1663.9	1652.9	1660.2
10°	1912.0	1839.0	1769.7	1707.7	1652.9	1609.1	1576.3	1554.4	1539.8	1543.5
12.5°	1882.8	1795.2	1707.7	1638.3	1569.0	1514.3	1474.1	1452.2	1434.0	1434.0
15°	1857.3	1747.8	1652.9	1565.3	1488.7	1426.7	1379.3	1353.7	1335.5	1335.5
17.5°	1820.8	1696.7	1583.6	1488.7	1401.1	1331.8	1277.1	1247.9	1229.7	1229.7
20°	1769.7	1631.0	1510.6	1404.8	1306.3	1233.3	1171.3	1142.1	1120.2	1120.2
22.5°	1714.9	1565.3	1430.3	1313.6	1211.4	1131.1	1069.1	1036.3	1014.4	1014.4
25°	1660.2	1499.7	1353.7	1233.3	1127.5	1043.6	974.2	934.1	908.6	904.9
27.5°	*1601.8*	*1430.3*	*1280.7*	*1153.0*	*1043.6*	*952.3*	*883.0*	*842.9*	*821.0*	*813.7*
30°	1532.5	1353.7	1200.5	1065.5	948.7	861.1	795.4	755.3	733.4	733.4
32.5°	1463.2	1277.1	1120.2	985.2	861.1	780.8	715.2	675.0	653.1	653.1
35°	1386.6	1200.5	1039.9	897.6	784.5	704.2	642.2	602.1	580.2	580.2
37.5°	1309.9	1127.5	959.6	824.6	718.8	634.9	572.9	536.4	518.1	514.5
40°	1229.7	1047.2	879.4	751.7	649.5	569.2	514.5	478.0	459.8	456.1
42.5°	1149.4	966.9	806.4	682.3	583.8	510.8	459.8	423.3	408.7	405.0
45°	1065.5	886.7	737.1	620.3	525.4	459.8	408.7	379.5	364.9	361.2
47.5°	985.2	810.0	671.4	561.9	474.3	412.3	364.9	335.7	321.1	321.1
50°	886.7	737.1	605.7	507.2	426.9	368.5	324.7	299.2	288.3	284.6
52.5°	806.4	667.7	547.3	456.1	383.1	328.4	291.9	266.4	255.4	255.4
55°	733.4	602.1	492.6	408.7	339.3	295.6	259.1	240.8	226.2	226.2
57.5°	653.1	536.4	441.5	364.9	306.5	262.7	233.5	211.6	200.7	200.7
60°	583.8	478.0	390.4	324.7	270.0	229.9	204.3	189.7	178.8	178.8
62.5°	514.5	419.6	343.0	284.6	237.2	204.3	178.8	164.2	156.9	156.9
65°	445.2	364.9	299.2	248.1	208.0	178.8	156.9	142.3	138.7	135.0
67.5°	383.1	317.4	259.1	215.3	178.8	153.3	135.0	124.1	116.8	116.8
70°	321.1	266.4	218.9	182.4	153.3	131.4	116.8	105.8	102.2	98.5
72.5°	266.4	218.9	178.8	149.6	124.1	109.5	94.9	87.6	83.9	83.9
75°	211.6	175.1	142.3	120.4	102.2	83.9	76.6	69.3	65.7	65.7
77.5°	160.5	131.4	109.5	91.2	76.6	65.7	58.4	54.7	51.1	47.4
80°	113.1	91.2	76.6	65.7	54.7	47.4	40.1	36.5	36.5	36.5
82.5°	69.3	58.4	47.4	40.1	32.8	29.2	25.5	21.9	21.9	21.9
85°	36.5	29.2	21.9	18.2	14.6	14.6	10.9	10.9	10.9	10.9
87.5°	10.9	7.3	7.3	3.6	3.6	3.6	3.6	3.6	3.6	3.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Peachtree City, GA 30269

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Lumark

Report Number: SP1-2512-637-1

Test Date: 01/12/2026

Luminaire Tested: AXCS4A-W

Data in this report applies to families of products including AXCS4A-W

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.05

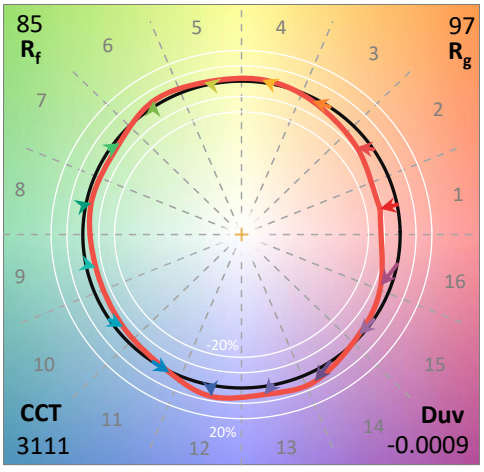
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2512-637-1
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	01/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Lumark
Catalog Number:	**AXCS4A-W**
Description:	4A AXCENT SMALL WALLPACK, FULL CUTOFF, 3000K

Spectral Parameters

CCT (K):	3111
CIE u':	0.2472
CIE v':	0.5179
Duv:	-0.0009
CIE x:	0.4280
CIE y:	0.3986
CIE z:	0.1733
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	582
Purity:	48.11977
Rf:	85.3
Rg:	96.7

CRI (Ra):	83.4
R1:	82.0
R2:	91.4
R3:	96.3
R4:	81.9
R5:	82.5
R6:	89.7
R7:	83.1
R8:	60.2
R9:	8.9
R10:	80.6
R11:	81.8
R12:	73.2
R13:	84.3
R14:	98.6
R15:	74.6



Test Conditions

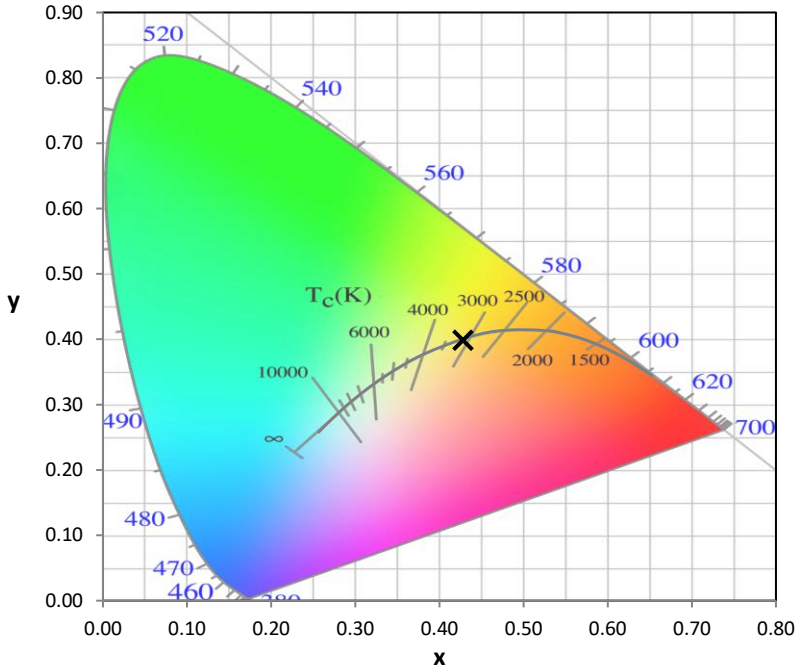
Stabilization Time:	52M
Operation Time:	1H 52M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2512-637-1

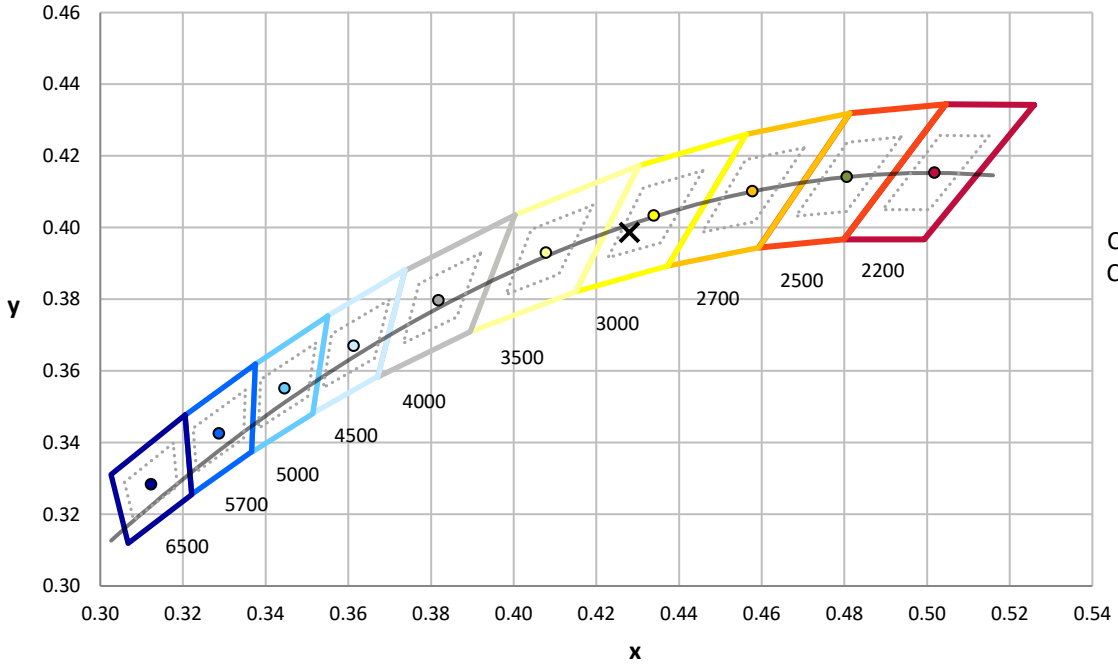
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208	10/21/2025	10/21/2026
Sphere Thermometer	ONSET IN0085	10/21/2025	10/21/2026
Room Thermometer	ONSET IN0046	10/21/2025	10/21/2026

REPORT NUMBER: SP1-2512-637-1

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

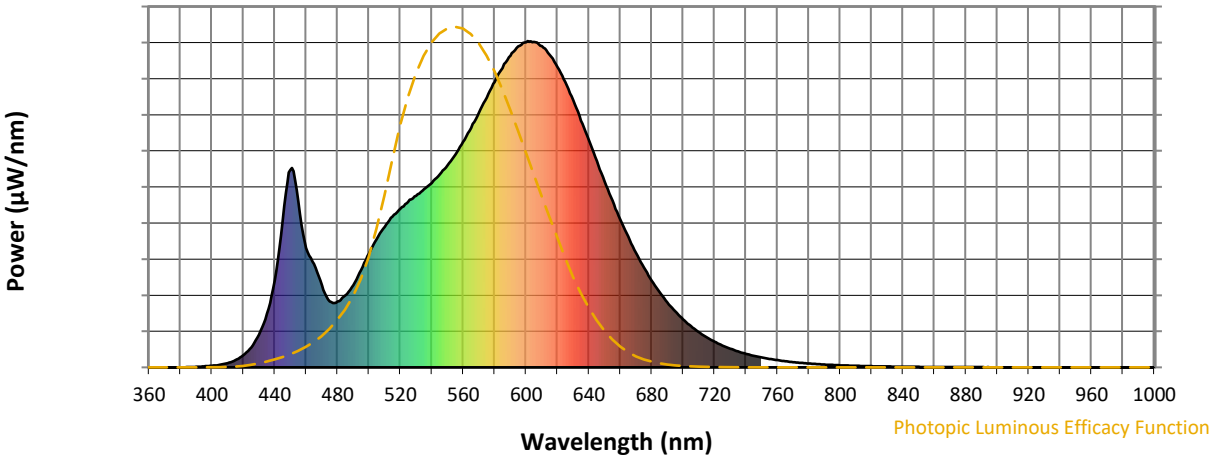


CCT = 3111K
CIE x = 0.4280
CIE y = 0.3986
Duv = -0.0009

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2512-637-1

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	252	NR	620	920	NR	750	30	NR	880	1	NR
365	0	NR	495	298	NR	625	875	NR	755	26	NR	885	1	NR
370	0	NR	500	349	NR	630	819	NR	760	22	NR	890	1	NR
375	0	NR	505	394	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	431	NR	640	696	NR	770	16	NR	900	1	NR
385	1	NR	515	462	NR	645	633	NR	775	14	NR	905	0	NR
390	2	NR	520	487	NR	650	570	NR	780	12	NR	910	0	NR
395	3	NR	525	507	NR	655	511	NR	785	10	NR	915	0	NR
400	5	NR	530	525	NR	660	453	NR	790	9	NR	920	0	NR
405	8	NR	535	546	NR	665	401	NR	795	7	NR	925	0	NR
410	13	NR	540	565	NR	670	352	NR	800	6	NR	930	0	NR
415	22	NR	545	591	NR	675	306	NR	805	6	NR	935	0	NR
420	38	NR	550	619	NR	680	266	NR	810	5	NR	940	0	NR
425	61	NR	555	652	NR	685	230	NR	815	4	NR	945	0	NR
430	100	NR	560	691	NR	690	199	NR	820	4	NR	950	0	NR
435	165	NR	565	734	NR	695	171	NR	825	3	NR	955	0	NR
440	265	NR	570	780	NR	700	147	NR	830	3	NR	960	0	NR
445	450	NR	575	826	NR	705	126	NR	835	2	NR	965	0	NR
450	605	NR	580	874	NR	710	108	NR	840	2	NR	970	0	NR
455	508	NR	585	917	NR	715	92	NR	845	2	NR	975	0	NR
460	366	NR	590	956	NR	720	79	NR	850	2	NR	980	0	NR
465	317	NR	595	983	NR	725	67	NR	855	1	NR	985	0	NR
470	251	NR	600	997	NR	730	57	NR	860	1	NR	990	0	NR
475	202	NR	605	997	NR	735	49	NR	865	1	NR	995	0	NR
480	202	NR	610	984	NR	740	42	NR	870	1	NR	1000	0	NR
485	220	NR	615	958	NR	745	35	NR	875	1	NR			

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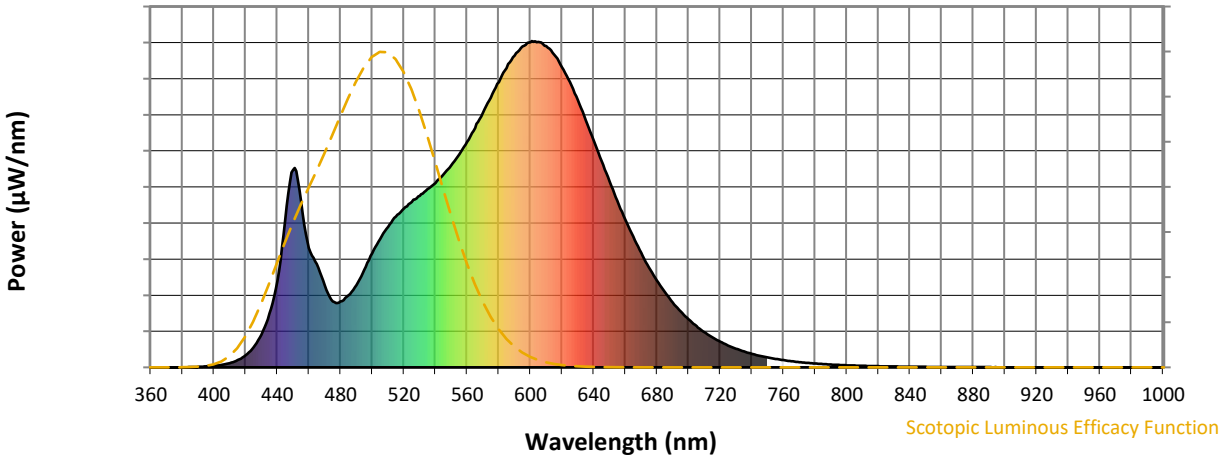
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.4**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	252	NR	620	920	NR	750	30	NR	880	1	NR
365	0	NR	495	298	NR	625	875	NR	755	26	NR	885	1	NR
370	0	NR	500	349	NR	630	819	NR	760	22	NR	890	1	NR
375	0	NR	505	394	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	431	NR	640	696	NR	770	16	NR	900	1	NR
385	1	NR	515	462	NR	645	633	NR	775	14	NR	905	0	NR
390	2	NR	520	487	NR	650	570	NR	780	12	NR	910	0	NR
395	3	NR	525	507	NR	655	511	NR	785	10	NR	915	0	NR
400	5	NR	530	525	NR	660	453	NR	790	9	NR	920	0	NR
405	8	NR	535	546	NR	665	401	NR	795	7	NR	925	0	NR
410	13	NR	540	565	NR	670	352	NR	800	6	NR	930	0	NR
415	22	NR	545	591	NR	675	306	NR	805	6	NR	935	0	NR
420	38	NR	550	619	NR	680	266	NR	810	5	NR	940	0	NR
425	61	NR	555	652	NR	685	230	NR	815	4	NR	945	0	NR
430	100	NR	560	691	NR	690	199	NR	820	4	NR	950	0	NR
435	165	NR	565	734	NR	695	171	NR	825	3	NR	955	0	NR
440	265	NR	570	780	NR	700	147	NR	830	3	NR	960	0	NR
445	450	NR	575	826	NR	705	126	NR	835	2	NR	965	0	NR
450	605	NR	580	874	NR	710	108	NR	840	2	NR	970	0	NR
455	508	NR	585	917	NR	715	92	NR	845	2	NR	975	0	NR
460	366	NR	590	956	NR	720	79	NR	850	2	NR	980	0	NR
465	317	NR	595	983	NR	725	67	NR	855	1	NR	985	0	NR
470	251	NR	600	997	NR	730	57	NR	860	1	NR	990	0	NR
475	202	NR	605	997	NR	735	49	NR	865	1	NR	995	0	NR
480	202	NR	610	984	NR	740	42	NR	870	1	NR	1000	0	NR
485	220	NR	615	958	NR	745	35	NR	875	1	NR			

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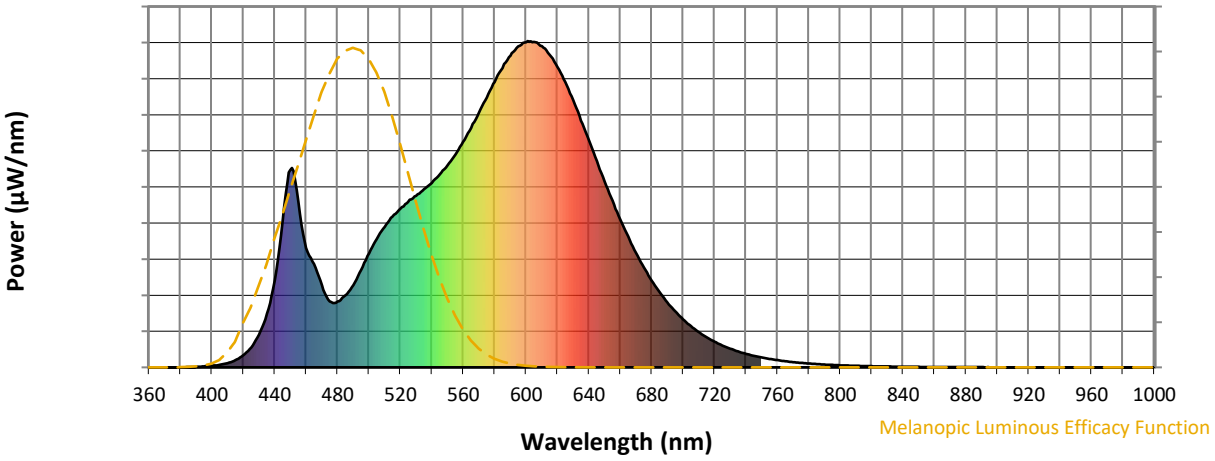
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.73**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	252	NR	620	920	NR	750	30	NR	880	1	NR
365	0	NR	495	298	NR	625	875	NR	755	26	NR	885	1	NR
370	0	NR	500	349	NR	630	819	NR	760	22	NR	890	1	NR
375	0	NR	505	394	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	431	NR	640	696	NR	770	16	NR	900	1	NR
385	1	NR	515	462	NR	645	633	NR	775	14	NR	905	0	NR
390	2	NR	520	487	NR	650	570	NR	780	12	NR	910	0	NR
395	3	NR	525	507	NR	655	511	NR	785	10	NR	915	0	NR
400	5	NR	530	525	NR	660	453	NR	790	9	NR	920	0	NR
405	8	NR	535	546	NR	665	401	NR	795	7	NR	925	0	NR
410	13	NR	540	565	NR	670	352	NR	800	6	NR	930	0	NR
415	22	NR	545	591	NR	675	306	NR	805	6	NR	935	0	NR
420	38	NR	550	619	NR	680	266	NR	810	5	NR	940	0	NR
425	61	NR	555	652	NR	685	230	NR	815	4	NR	945	0	NR
430	100	NR	560	691	NR	690	199	NR	820	4	NR	950	0	NR
435	165	NR	565	734	NR	695	171	NR	825	3	NR	955	0	NR
440	265	NR	570	780	NR	700	147	NR	830	3	NR	960	0	NR
445	450	NR	575	826	NR	705	126	NR	835	2	NR	965	0	NR
450	605	NR	580	874	NR	710	108	NR	840	2	NR	970	0	NR
455	508	NR	585	917	NR	715	92	NR	845	2	NR	975	0	NR
460	366	NR	590	956	NR	720	79	NR	850	2	NR	980	0	NR
465	317	NR	595	983	NR	725	67	NR	855	1	NR	985	0	NR
470	251	NR	600	997	NR	730	57	NR	860	1	NR	990	0	NR
475	202	NR	605	997	NR	735	49	NR	865	1	NR	995	0	NR
480	202	NR	610	984	NR	740	42	NR	870	1	NR	1000	0	NR
485	220	NR	615	958	NR	745	35	NR	875	1	NR			

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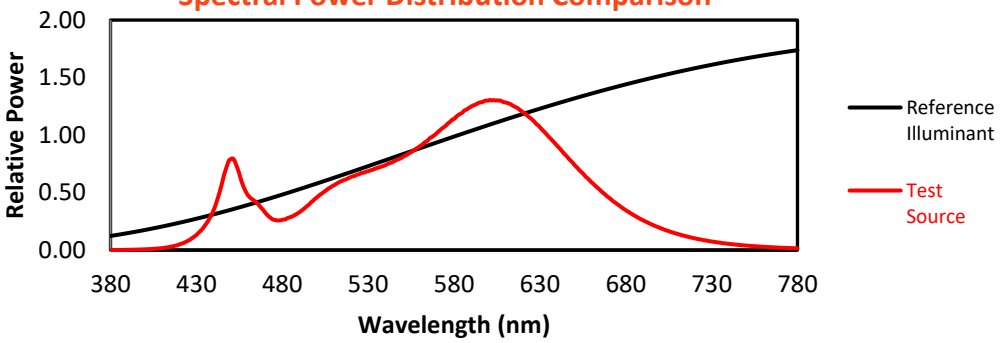
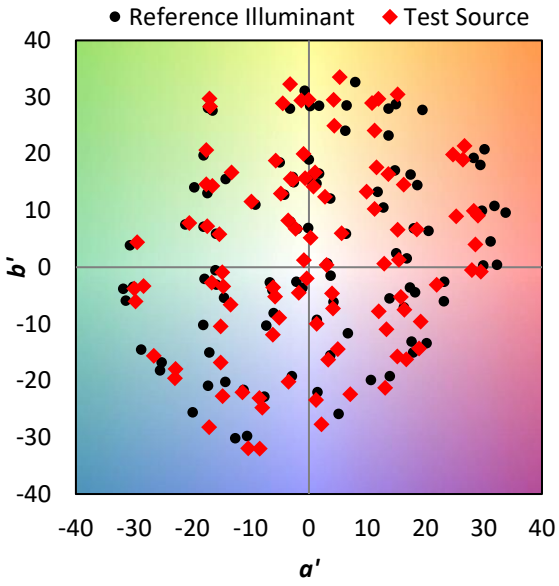
Summary

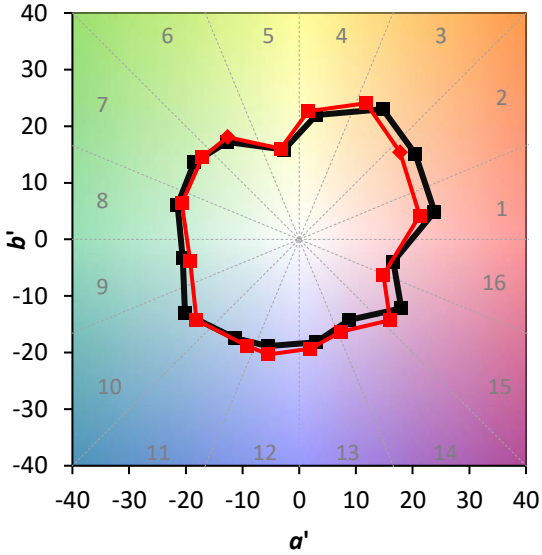
R_f = 85.3
R_g = 96.7
CIE R_a = 83.4
R_9 = 8.9

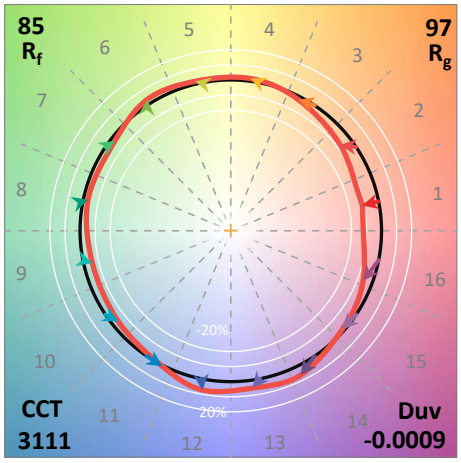
Spectral Power Distribution Comparison

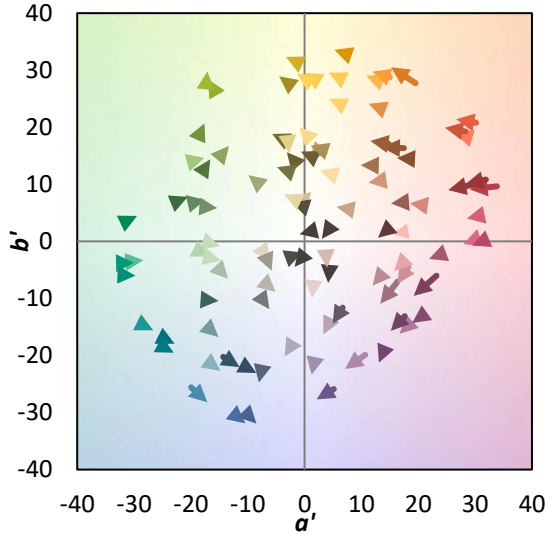


Color Vector Graphics









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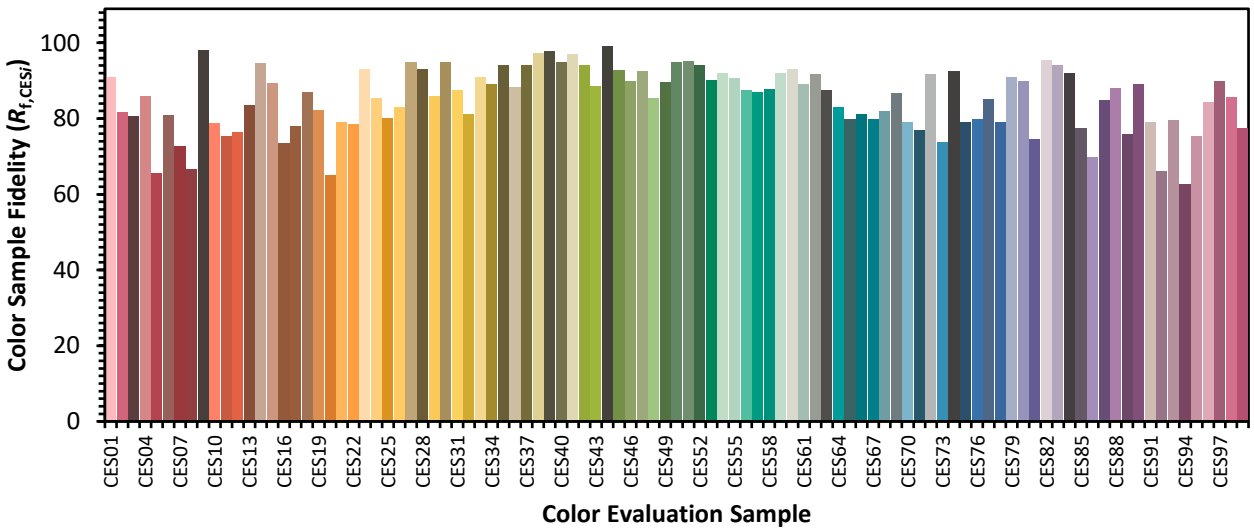
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 83	CES51 = 95	CES76 = 80
CES02 = 63	CES27 = 95	CES52 = 94	CES77 = 85
CES03 = 31	CES28 = 93	CES53 = 90	CES78 = 79
CES04 = 70	CES29 = 86	CES54 = 92	CES79 = 91
CES05 = 49	CES30 = 95	CES55 = 91	CES80 = 90
CES06 = 51	CES31 = 87	CES56 = 88	CES81 = 74
CES07 = 42	CES32 = 81	CES57 = 87	CES82 = 95
CES08 = 41	CES33 = 91	CES58 = 88	CES83 = 94
CES09 = 29	CES34 = 89	CES59 = 92	CES84 = 92
CES10 = 76	CES35 = 94	CES60 = 93	CES85 = 78
CES11 = 59	CES36 = 88	CES61 = 89	CES86 = 70
CES12 = 65	CES37 = 94	CES62 = 92	CES87 = 85
CES13 = 43	CES38 = 97	CES63 = 87	CES88 = 88
CES14 = 74	CES39 = 98	CES64 = 83	CES89 = 76
CES15 = 71	CES40 = 95	CES65 = 80	CES90 = 89
CES16 = 47	CES41 = 97	CES66 = 81	CES91 = 79
CES17 = 50	CES42 = 94	CES67 = 80	CES92 = 66
CES18 = 56	CES43 = 89	CES68 = 82	CES93 = 80
CES19 = 72	CES44 = 99	CES69 = 87	CES94 = 63
CES20 = 66	CES45 = 93	CES70 = 79	CES95 = 75
CES21 = 87	CES46 = 90	CES71 = 77	CES96 = 84
CES22 = 79	CES47 = 93	CES72 = 92	CES97 = 90
CES23 = 92	CES48 = 86	CES73 = 74	CES98 = 86
CES24 = 91	CES49 = 90	CES74 = 93	CES99 = 77
CES25 = 72	CES50 = 95	CES75 = 79	



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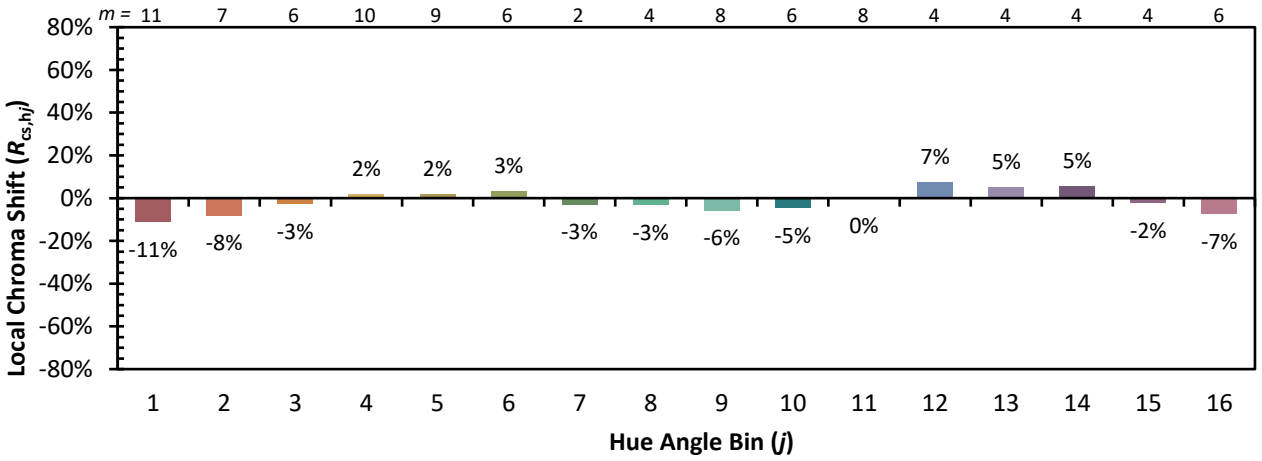
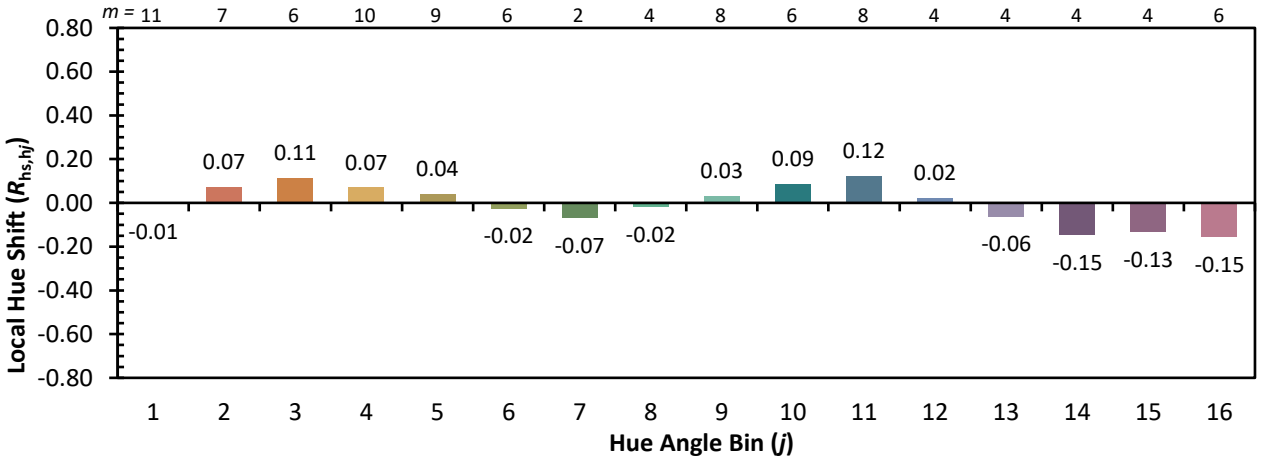
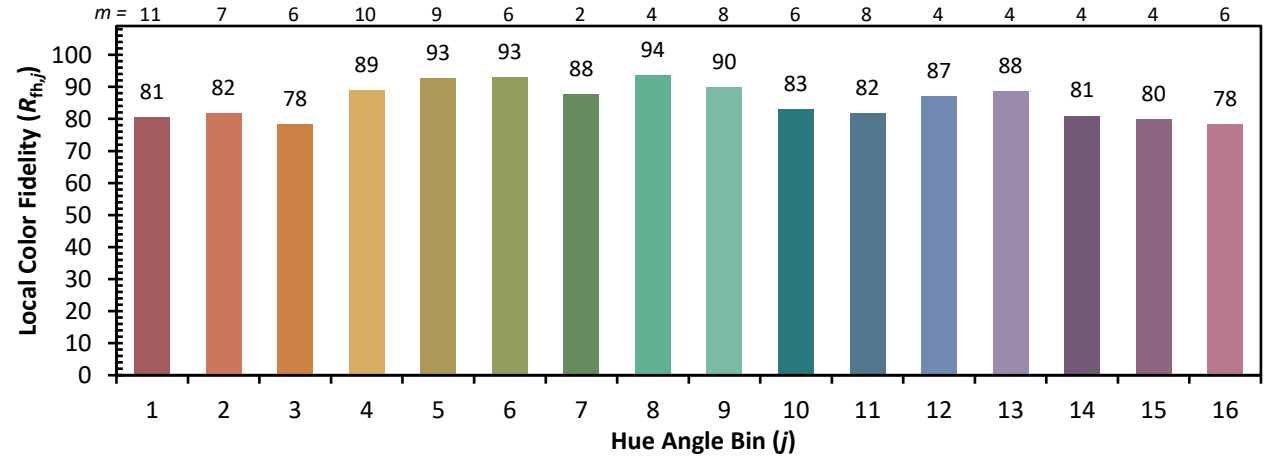
Color Rendition by Hue-Angle Bin







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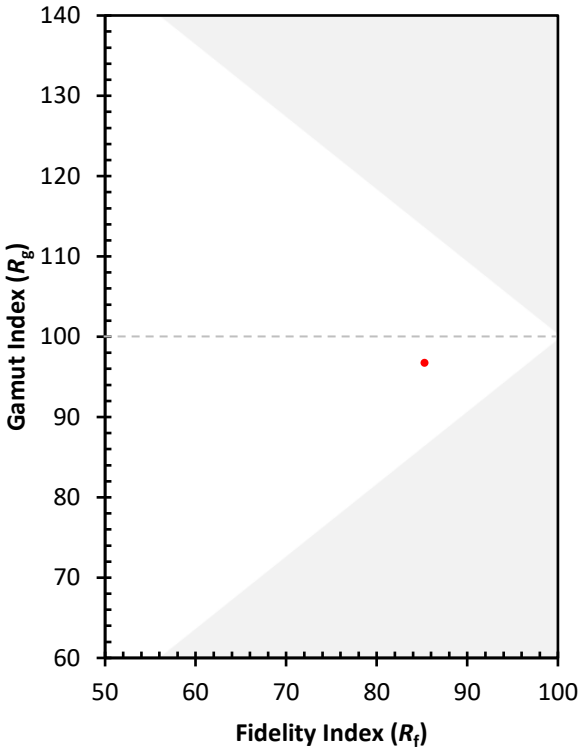
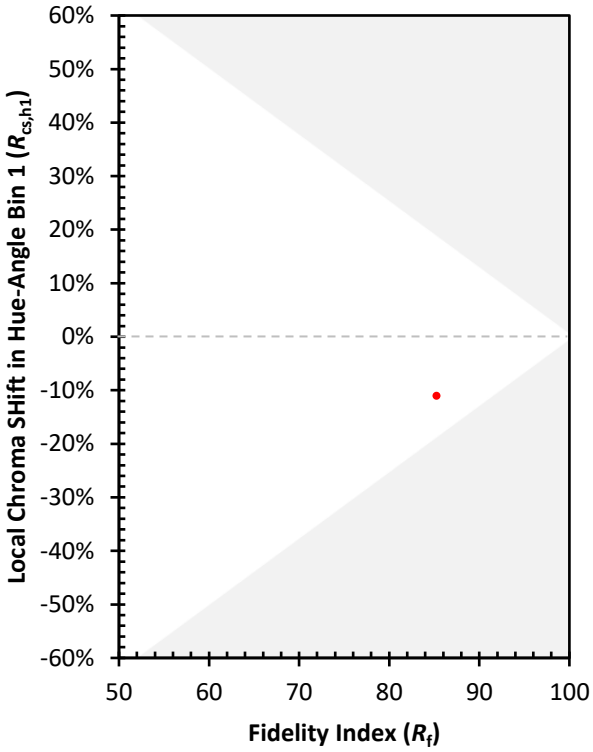
Measure Comparisons





(END OF REPORT)